

Claim Amendments

Please cancel claims 2 - 10 without prejudice or disclaimer of the subject matter therein.

Please add the following new claims:

11. A mold frame in combination with a vibrating table for an apparatus producing shaped concrete bodies from a mold, said mold frame comprising a plurality of longitudinal and transverse frame members which are connectable at their ends to define a rectangular mold frame having four corners in order to retain a mold inset having one or more mold cavities therein, said transverse frame members each having an outer face directed outwardly of the mold frame, means on the outer faces of said transverse frame members for attaching to a molding machine such that downward forces are applied on the mold insert while the mold insert is supported on the vibrating table so as to be subjected to vibrating forces perpendicular to the mold frame during the molding process, and means at said mold frame corners including interfitting form - fit portions on the ends of said longitudinal and transverse frame members for detachably connecting said longitudinal and transverse frame members together.

12. A mold for producing shaped concrete bodies comprising a mold frame having a plurality of longitudinal and transverse frame members which are connectable at their ends to define said mold frame having four corners in order to retain a mold insert having one or more mold cavities therein, said mold insert being positionable upon a vibrating table, said transverse frame members each having an outer face directed outwardly of the mold frame, means on the outer faces of said transverse frame members for attaching to a molding machine such that said mold insert is subjected to vibrating forces perpendicular to the mold frame during the molding process, and means at said mold frame corners including interfitting form - fit portions on the ends of said longitudinal and transverse frame members for detachably connecting said longitudinal and transverse frame members together.

13. A mold as claimed in claim 12 wherein each of said transverse frame members has a pair of end faces and there being on each end face a projection pin having a polygonal cross section, each longitudinal frame member having on its inner face a polygonal recess at each end of said inner face, said recess correspondingly shaped to receive closely said projection pin so as to avoid torsional movement of said pin within said recess, and a locking screw detachably connecting a said end face of said transverse frame member to the inner face of a said longitudinal frame member.

14. A mold as claimed in claim 13 wherein said projection pin and said recess each having a hole there-through and aligned to receive said locking screw, and means within said transverse frame member for defining a threaded hole to receive said locking screw.

15. A mold as claimed in claim 14 wherein said means for defining a threaded hole comprises a cylindrical nut received within a hole in said transverse frame member.

16. A mold as claimed in claim 15 wherein said threaded hole is disposed transversely to the cylindrical axis of said cylindrical nut, said hole receiving said cylindrical nut extending through said transverse frame member perpendicular to the plane defined by said rectangular mold frame.

17. A mold as claimed in claim 12 and further comprising means defining a tongue and groove connection on at least two opposing sides between said mold frame and said mold insert.

18. A mold as claimed in claim 17 wherein said tongue and groove connection comprises a groove having a triangular cross section machined into the inner faces of said transverse and longitudinal frame members, and a tongue

on the outer edges of said mold insert similar in cross section to said groove so as to be received within said groove.

19. A mold as claimed in claim 17 and further comprising resilient damping plates between opposing surfaces of said seated tongue and groove.

20. A mold as claimed in claim 19 wherein said damping plate is adhered to the surfaces of said tongue.

21. A mold as claimed in claim 19 wherein said damping plates are recessed into said surfaces of said tongue.